

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G11B21/02 G11B7/085 G11B5/55

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 633 850 A (PARK KWANG-LIM) 27 May 1997 (1997-05-27) column 5, line 5 - line 35; figure 1	1,2,13
A	EP 0 529 589 A (SONY CORP) 3 March 1993 (1993-03-03)	
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08, 30 August 1996 (1996-08-30) & JP 8 096481 A (SONY CORP), 12 April 1996 (1996-04-12) abstract	
A	EP 0 921 520 A (THOMSON BRANDT GMBH) 9 June 1999 (1999-06-09)	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "&" document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

21/09/2004

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No

'IB2004/050978

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JP 8096481	A	12-04-1996		NONE		
EP 0921520	A	09-06-1999	DE CN EP JP US	19753897 A1 1218955 A ,B 0921520 A2 11230295 A 6250169 B1		10-06-1999 09-06-1999 09-06-1999 27-08-1999 26-06-2001